

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION  
**TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.  
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
NORTH KINGSTOWN, RI	QUONSET STATE		1

**TAKEOFF MINIMUMS:**

RWY 23, 34 - STANDARD.

RWY 5, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 402 FT PER NM TO 300.

RWY 16, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 281 FT PER NM TO 300.

**TEXTUAL DEPARTURE PROCEDURES:**

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 5, RISING TERRAIN 63 FT FROM DER, LEFT TO RIGHT OF CENTERLINE, UP TO 33 FT MSL. SHIPS BEGINNING AT DER, 220 FT RIGHT OF CENTERLINE, UP TO 185 FT MSL.

NOTE: RWY 16, RISING TERRAIN 22 FT FROM DER, LEFT TO RIGHT OF CENTERLINE, UP TO 27 FT MSL. SHIPS BEGINNING 71 FT FROM DER, 543 FT LEFT OF CENTERLINE, UP TO 185 FT MSL.

NOTE: RWY 23, RISING TERRAIN 101 FT FROM DER, LEFT TO RIGHT OF CENTERLINE, UP TO 33 FT MSL. VEHICLES BEGINNING 393 FT FROM DER, 4 FT LEFT OF CENTERLINE, 15 FT AGL/24 FT MSL. TRAINS BEGINNING 398 FT FROM DER, 138 FT LEFT OF CENTERLINE, 23 FT AGL/31 FT MSL. CRANE 1826 FT FROM DER, 924 FT RIGHT OF CENTERLINE, 106 FT AGL/112 FT MSL. SHIPS BEGINNING 415 FT FROM DER, 521 FT LEFT OF CENTERLINE, UP TO 185 FT MSL.

NOTE: RWY 34, TREES BEGINNING 1073 FT FROM DER, 697 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/112 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 5: 185 FT MSL SHIP 413620.02N/0712351.59W.

RWY 16: 185 FT MSL SHIP 413446.61N/0712343.64W.



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**REMARKS:**

185 FT SHIP PER EASTERN FPT. CLOSEST POINT TO RWY 23 IS 3500 FT ON CENTERLINE; RWY 34 IS 5000 FT ON CENTERLINE.

**FLIGHT INSPECTED BY:**

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**DEVELOPED BY:**

DONALD E. SMITH (SCOTT STEVENSON) AJV-352 08/06/2012

**APPROVED BY:**

DARRYEL ADAMS MANAGER AJV-352

**COORDINATED WITH:**

AOPA, NBAA, ZBW, PVD APP CON, OQU ATCT, AIRPORT MANAGER.

**CHANGES:**

1. INCREASED REQUIRED CLIMB GRADIENT FOR RWY 5 FROM 320 FT PER NM TO 300 FT TO 402 FT PER NM TO 300 FT; RWY16 DEPARTURES FROM 250 FT PER NM TO 300 FT TO 281 FT PER NM TO 300 FT.
2. ADDED TAKEOFF OBSTACLE NOTES FOR RWY 5, 16, 23, 34 DEPARTURES.

**REASONS:**

- 1: RWY 5, 16 DEPARTURES NEEDED HIGHER CLIMB GRADIENT TO AVOID SHIPS DOCUMENTED ON PREVIOUS 8260-15A FORM.
2. RWY 5, 16, 23, 34 TAKEOFF OBSTACLE NOTES ADDED IAW 8260.46D.

